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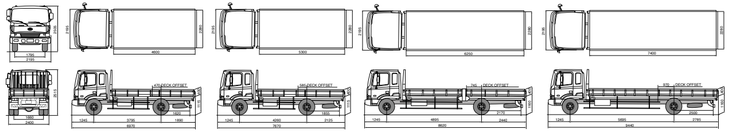
HYUNDAI MEDIUM DUTY TRUCK

ITEM \ Model		HD120												HD210	
Vehicle Type		Cargo													
Cab type / Deck Height		Sleeper Cab /High Deck													
Wheel Base		Short			Long			Extra Long			Ultra Long				
Drive System		LHD, 4 x 2												LHD, 6 x 2	
Application Engines		D6BR	D6GA2B	D6GA224	D6BR	D6GA2B	D6GA224	D6BR	D6GA2B	D6GA224	D6GA2B	D6GA224		D6GA2B	D6GA224
Dimensions (mm)															
Wheel Base		3,795	3,845	1,660	4,260	4,260	4,260	4,895	4,895	4,895	5,695	5,695		5,695	5,695
Overall (C/Cab)	Lenght	6,660	6,852	6,852	7,360	7,467	7,467	8,310	8,402	8,402	9,509	9,509		9,509	9,509
	Width	2,195	2,255	2,255	2,195	2,255	2,255	2,195	2,255	2,255	2,255	2,255		2,255	2,255
	Height	2,505	2,585	2,585	2,505	2,585	2,585	2,505	2,585	2,585	2,585	2,585		2,585	2,585
Wheel Tread	Front	1,795	1,855	1,855	1,795	1,855	1,855	1,795	1,855	1,855	1,855	1,855		1,855	1,855
	Rear	1,660	1,660	1,660	1,660	1,660	1,660	1,660	1,660	1,660	1,660	1,660		1,660	1,660
Overhang (C/Cab)	Front	1,245	1,285	1,285	1,245	1,285	1,285	1,245	1,285	1,285	1,285	1,285		1,285	1,285
	Rear	1,620	1,722	1,722	1,855	1,922	1,922	2,170	2,222	2,222	2,460	2,460		2,460	2,460
Body Offset		470	520	520	585	585	585	745	745	745	970	970		970	970
Min. Ground Clearance		210	189	189	210	189	189	210	189	189	189	189		189	189
Weight (kg)															
Chassis Cab Weight		3,570	4,080	4,080	3,715	4,215	4,215	3,760	4,305	4,305	4,500	4,500		5,010	5,010
	Front	2,270	2,611	2,611	2,375	2,698	2,698	2,435	2,755	2,755	2,880	2,880		2,988	2,988
	Rear	1,300	1,469	1,469	1,340	1,517	1,517	1,325	1,550	1,550	1,620	1,620		2,022	2,022
Max. Gross Vehicle Weight		12,520												21,320	
	Front	3,720												3,720	
	Rear	8,800												8,800 + 8,800	
Calculated Performance															
Max. Speed (km/h)		117	138	138	117	138	138	117	138	138	139	139		139	139
Max. Gradeability (tanθ)		0.317/ 0.290(Euro1)	0.303	0.303	0.317/ 0.290(Euro1)	0.303	0.303	0.317/ 0.290(Euro1)	0.303	0.303	0.299	0.299		0.299	0.299
Max. Turning Radius (m)		6.3	6.4	6.4	7.3	7.3	7.3	8.2	8.2	8.2	9.5	9.5		9.5	9.5

ITEM \ Model		HD120 / HD210	
Engine			
Model		D6BR	D6GA2B / D6GA224
Type		Natural Aspiration	Turbo Charger Intercooler
		4 stroke-cycle, water-cooled, direct-injection diesel engine	
Number of Cylinder		6 in-line	
Piston Displacement (cc)		7,545	5,899
Bore X Stroke (mm)		118 X 115	103 X 118
Compression Ratio		17.5 : 1	17.6 : 1
Max. Power (ps/rpm)	General	185 / 2,900	-
	Euro I	167 / 2,900	-
	Euro II~IV	-	225 / 2,500
Max. Torque (kg.m/rpm)	General	51 / 1,400	-
	Euro I	46 / 1,400	-
	Euro II~IV	-	60 / 1,700
Transmission			
Model		M6S6	KH10
Type		6 forward and 1 reverse speed	
Rear Axle			
Model		D4H	D4H
Capacity (kg)		8,800	
Final Reduction Gear Ratio		5.428	3.909
Front Axle			
Capacity (kg)		3,750	3,720 / 4,500(Ultra Long)
Tire & Wheel			
Type		Single Front, Dual Rear	
Tire	Front / Rear	STD : 8.25R16-16PR, 245/70R19.5-14PR (L/Long) OPT : 8.25R16-18PR, 9.5R17.5-16PR, 245/70R19.5-14PR	
Wheel	Front / Rear	8.25R16-16PR/18PR : 6.00GS × 16, 9.5R17.5-16PR : 6.00 x 17.5, 245/70R19.5-14PR : 6.75 x 19.5	

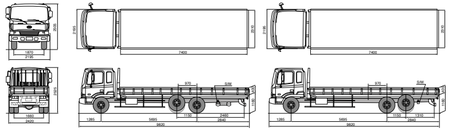
Line-up

HD120



Short Wheel Base | Long Wheel Base | Extra Long Wheel Base | Ultra Long Wheel Base

HD210



Pusher Axle | Tag Axle

* HD210 is applied with lifting axle that results in more loading capacity, based on HD120 ultra long. (Lifting axle max. capacity 8,800kg) - Pusher axle : Installed on the chassis frame in front of the drive axle / Tag axle : Installed on the chassis frame in rear of the drive axle

NEW THINKING. NEW POSSIBILITIES.

People's expectation toward individual mobility requires more than just a convenient means of transportation. The old understanding of cars has become outdated. A car represents individuals' lifestyles, and it became an integral part of their lives. At the same time, the automobile industry has experienced seismic change. Hyundai Motor Company has grown rapidly to become one of the largest automakers, backed by world class production capability and superior quality. We have now reached a point where we need a qualitative approach to bring bigger ideas and relevant solutions to our customers. This is an opportunity to move forward and we have developed a new brand slogan that encapsulates our willingness to take a big leap. Led by our new slogan and the new thinking underlying it, we will become a company that keeps challenging itself to unlock new possibilities for people and the planet.

Hyundai Motor Company
www.hyundai.com

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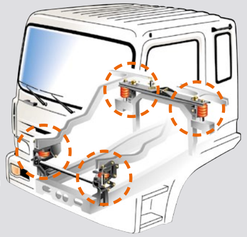
HD120 Less is More

The Hyundai HD120 sets the standard in medium duty truck category. Built to Hyundai's high quality and reliability standards, the HD120 is the perfect partner for your business. Inside, you get comfortable, durable seats and an ergonomic wraparound instrument panel that provides control over the vehicle.



Coil Type Full Floating Cab Suspension

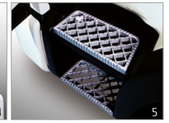
The cab rides on four coil-type mounts to isolate the driver from fatiguing road shocks and vibration. An air-type is optional.

1

2

3

4



5

6

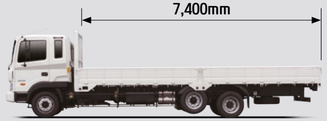
1. Front Bumper
2. Door Safety Lamp
3. Air Intake Duct
4. Semi-sealed Headlamp
5. Aluminium Safety Steps
6. Door Handle

HD120 ULTRA LONG

	Length	Width
HD120 Extra Long	6,250mm	2,280mm
HD120 Ultra Long	7,400mm	2,340mm
HD210 Ultra Long	7,400mm	2,340mm

HD120 EXTRA LONG

HD120 ULTRA LONG



HD210 ULTRA LONG (Pusher Axle)

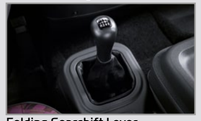
HD210 ULTRA LONG(Tag Axle)

Comfortable, Spacious and **ready for all your business needs.**

Everyone knows people work better in the best conditions. The interior of the HD is built to increase driver and crew satisfaction, to relieve long distance fatigue and stop and start stress. It was developed by driving professionals and proven over every kind of road imaginable. The foldable cable operated gearshift is light and precise. Fresh, but durable trim materials and a textured floor covering, excellent NVH (Noise Vibration Harshness) isolation, new wood grain fascia trim, LED lit switches and super clear instrumentation are all part of what goes into making every Hyundai HD a driver's first choice.

Power Steering

Tilt and Telescopic Steering


Folding Gearshift Lever

Keyhole Lamp

Overhead Console and Auido

Door Pocket

Center Seatback Console

Power Window

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Choose your cab, comfort and **flexibility is built-in**

Because transport and trucking covers a whole range of industries and services with differing crew needs, the Hyundai HD series offer a full range of purpose built cabs. All with the unique blend of long distance comfort and lasting durability you naturally expect from Hyundai.

Air Control System

The heating, ventilation and optional air conditioning system is driven by a powerful fan and high efficiency compressor and heat exchanger. Air is delivered into the cabin at critical points to help keep the driver alert and comfortable regardless of the weather outside.

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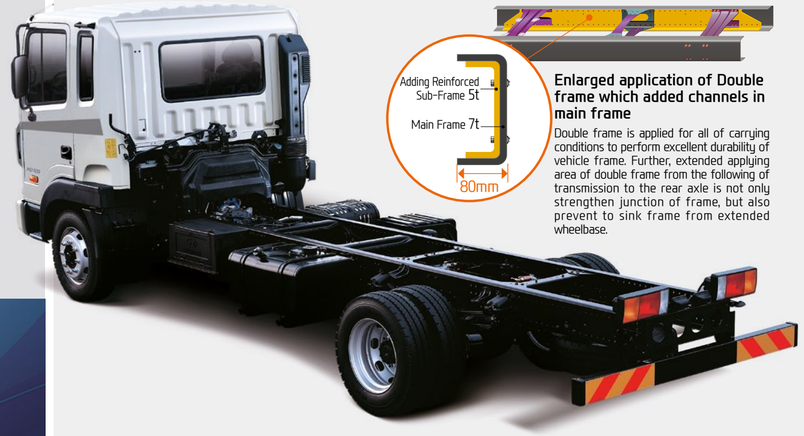
Powerful, Dependable and Economical

Whether you choose one of the entry level inline naturally aspirated six cylinder diesels or top-of-the-range turbo charged intercooler Engine, each Hyundai engine combines top performance with impressive economy. Best of all, they are fitted with top specification injection pumps so they're easy to service,highly dependable and can be counted on for a long service life.

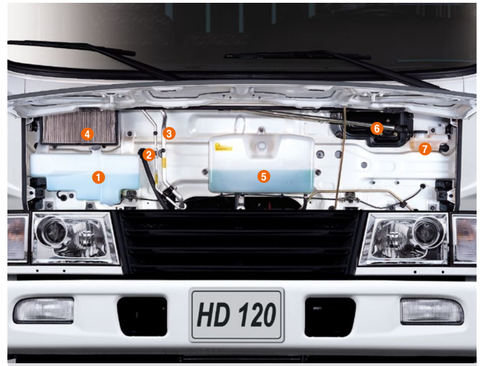


Enlarged application of Double frame which added channels in main frame

Double frame is applied for all of carrying conditions to perform excellent durability of vehicle frame. Further, extended applying area of double frame from the following of transmission to the rear axle is not only strengthen junction of frame, but also prevent to sink frame from extended wheelbase.

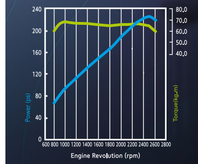
ABS with ASR (Anti-Slip Regulator)

This ABS (Anti-locking Brake System) brings the vehicle to a safe, controlled stop and is particularly advantageous whilst driving under slippery road conditions. The driver can apply maximum pressure on the brake pedal without worrying about wheel lock, skidding and subsequent loss of control. With ABS/ASR, the driver can maintain full directional stability of the vehicle at all times and avoid potentially dangerous situations. (Optional)



1 Window Washer tank 2 Engine Oil Dipstick 3 A/Con Coolant Sight Glass
4 Air Filter 5 Coolant Reservoir 6 Wiper Motor 7 Clutch Oil Reservoir

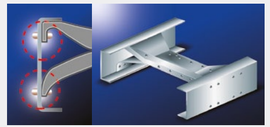
New D6GA Engine



Euro II, Euro III, Euro IV

225 PS /2,500rpm

Displacement : 5,899cc
Max. Torque : 65kg.m/1,700rpm



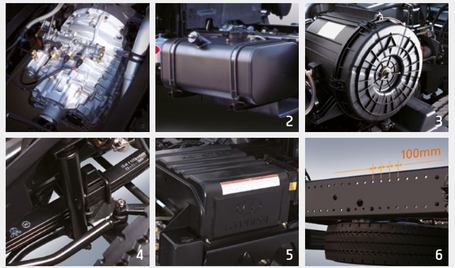
Crossmember Reinforcement

And to achieve the highest possible rigidity and strength, Hyundai added heavy duty crossmembers which effectively distribute payload stress over the frame employed by an all-bolted construction technique.

1. 6 Speed Manual Transmission
2. Fuel tank
3. Air Cleaner
4. Front Shock Absorber
5. MF120 Battery
6. 100mm clearance in between holes on the side of main frame

Utilities

Hyundai makes checking fluid levels, fuses and the replacement bulbs easy. That's because the new HD series is all about convenience.



Driving a Hyundai is **Driving with Peace of Mind**

Safety begins with an impressively durable and strong frame. That serves as the foundation for an all-steel suspension system and excellent ride and handling qualities. For superlative stopping power, Hyundai offers a full air braking system supplemented by an exhaust brake. ABS with Anti-Slip Regulator and front/rear auto brake adjusters can be ordered as options. For your security and peace of mind, the fuel filler cap is fitted with a lock and sliding lock cover.

Hub Pilot Wheel

The hub pilot wheel is designed to optimize torque of the lock nuts and eliminate vibration for safer driving.

Side Impact Protection Beam

Drum brake with wide

Air Tanks

Gradual Control

Auxiliary Starter

Auxiliary starter which is applied in the Hyundai Medium duty truck offers special convenience to perform the inspection of engine.

Maintenance Lamp and Switch

The maintenance lamp and switch are located right beside the battery for improved convenience during night time repairs

Tilting Cab

Servicing and regular checks are easier than ever thanks to the 45-degree tilting cab which provides quick and easy access to the engine compartment.